

Message

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**From:** Patefield, Scott [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D0E96B1CCD854467AC7C96016C4EA1B0-PATEFIELD, SCOTT]  
**Sent:** 6/20/2019 6:48:34 PM  
**To:** North, Alexis [North.Alexis@epa.gov]  
**Subject:** RE: OOOO/OOOOa

## Ex. 5 Deliberative Process (DP)

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**From:** North, Alexis  
**Sent:** Thursday, June 20, 2019 12:42 PM  
**To:** Patefield, Scott <Patefield.Scott@epa.gov>  
**Subject:** FW: OOOO/OOOOa

I don't mean to be so needy lately....

Am I OK to respond to this?

Alexis North, Environmental Scientist  
Enforcement and Compliance Assurance Division  
EPA Region 8  
1595 Wynkoop Street (8ENF-AT)  
Denver, CO 80202-1129  
Phone: 303-312-7005  
Email: [north.alexis@epa.gov](mailto:north.alexis@epa.gov)

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**From:** Semerad, Jim L. <[jsemerad@nd.gov](mailto:jsemerad@nd.gov)>  
**Sent:** Thursday, June 20, 2019 12:29 PM  
**To:** North, Alexis <[North.Alexis@epa.gov](mailto:North.Alexis@epa.gov)>  
**Subject:** RE: OOOO/OOOOa

Thanks for the info.

For clarification:

Based on the regulations, would you consider the following to be in violation:

1. A large leaking storage tank gasket ("volcano")
2. A very minor leaking storage tank gasket ("wisp")
3. A poorly operating flare (one that is capable of 98.0% but with obvious FLIR emissions)

Jim

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**From:** North, Alexis <[North.Alexis@epa.gov](mailto:North.Alexis@epa.gov)>  
**Sent:** Wednesday, June 19, 2019 12:24 PM  
**To:** Semerad, Jim L. <[jsemerad@nd.gov](mailto:jsemerad@nd.gov)>  
**Subject:** RE: OOOO/OOOOa

**CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Jim,

The FIP requires operators to “route all standing working, breathing, and flashing losses” from storage tanks through a closed vent system designed for recovery/pipeline injection or to an enclosed combustor/utility flare capable of 98.0% destruction efficiency (this is §49.4164(d)(2), referenced below). There is a blurb in the FIP that if operators are complying with the NSPS OOOO regs storage tanks, they meet that FIP requirement. This is the blurb in the FIP:

49.4164(f) Produced oil storage tanks and any produced water storage tanks interconnected with produced oil storage tanks subject to the requirements specified in 40 CFR part 60, subpart OOOO are considered to meet the requirements of §49.4164(d)(2). No further requirements apply for such storage tanks under §49.4164(d)(2).

OOOO also notes that compliance with OOOOa is deemed compliance with OOOO (see 40 C.F.R. § 60.5370).

Thus, I don't think it would be a stretch for ND to put out there if companies are complying with the storage tank requirements of NSPS OOOO (or OOOOa) they are in compliance with the SIP. However, since I'm not the SIP/NSPS delegation person in the air program, I'm unfamiliar if there is a procedural step needed as part of the delegation to get to this??

Thanks and if you want me to reach out to the SIP/NSPS delegation person, let me know.

Alex

Alexis North, Environmental Scientist  
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**From:** Semerad, Jim L. <[jsemerad@nd.gov](mailto:jsemerad@nd.gov)>  
**Sent:** Tuesday, June 18, 2019 2:21 PM  
**To:** North, Alexis <[North.Alexis@epa.gov](mailto:North.Alexis@epa.gov)>  
**Subject:** OOOO/OOOOa

Alex:

I would like to discuss how OOOO/OOOOa works with your FIP at oil wells.

Do the regs complement each other (and how well) or does OOOO tend to override the general requirements in your FIP.

Reason: We are going to be adopting OOOO/OOOOa and have to determine how to integrate our Chapter 7.

Jim Semerad  
Director, Division of Air Quality

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